

**Third Year BASLP Degree Supplementary Examinations - February 2016**

**Hearing Aids**

**Time : 3 hrs**

**Max marks : 80**

- **Answer all questions**
- **Draw diagrams Whereever necessary**

**Essays:**

**(4×10=40)**

1. What are hearing aids. Explain with neat block diagram the parts and functions of hearing aid.
2. What are ALD's. Explain any two ALD's with its advantages and disadvantages.
3. Define EAC. Explain each characteristic with its relevance to parts and functions.
4. Classify hearing aids based on technology and discuss in detail digital hearing aid with its advantages and disadvantages.

**Short notes**

**(5×5=25)**

5. Frequency transposition hearing aids
6. Batteries of hearing aids
7. Cochlear implant
8. Acoustic modification of ear moulds
9. WDRC

**Answer briefly**

**(5×3 = 15)**

10. HA 2 coupler
11. Peak clipping
12. BC hearing aid
13. Trouble shooting
14. Master hearing aids

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